

Title (en)  
THIAZOLE DERIVATIVES AS INHIBITORS OF BRUTON'S TYROSINE KINASE

Title (de)  
THIAZOLDERIVATE ALS HEMMER DER BRUTON-TYROSINKINASE

Title (fr)  
DÉRIVÉS DE THIAZOLE UTILISÉS EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE DE BRUTON

Publication  
**EP 2931721 A1 20151021 (EN)**

Application  
**EP 13805327 A 20131209**

Priority  
• US 201261736631 P 20121213  
• EP 2013075887 W 20131209

Abstract (en)  
[origin: WO2014090715A1] This application discloses compounds according to generic Formula I: wherein all variables are defined as described herein, which inhibit Btk. The compounds disclosed herein are useful to modulate the activity of Btk and treat diseases associated with excessive Btk activity. The compounds are further useful to treat inflammatory and auto immune diseases associated with aberrant B-cell proliferation such as rheumatoid arthritis. Also disclosed are compositions containing compounds of Formula I and at least one carrier, diluent or excipient.

IPC 8 full level  
**C07D 417/14** (2006.01); **A61K 31/445** (2006.01); **A61P 19/00** (2006.01); **A61P 29/00** (2006.01); **A61P 37/00** (2006.01)

CPC (source: CN EP US)  
**A61K 31/445** (2013.01 - CN); **A61P 11/06** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **C07D 417/14** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2014090715A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014090715 A1 20140619**; BR 112015013762 A2 20170711; CA 2893637 A1 20140619; CN 104837837 A 20150812; CN 104837837 B 20170405; EP 2931721 A1 20151021; EP 2931721 B1 20161026; ES 2607635 T3 20170403; HK 1212975 A1 20160624; JP 2016502988 A 20160201; JP 6154482 B2 20170628; KR 101707761 B1 20170216; KR 20150093238 A 20150817; MX 2015007291 A 20150910; RU 2015126293 A 20170119; US 2015353534 A1 20151210; US 9359345 B2 20160607

DOCDB simple family (application)  
**EP 2013075887 W 20131209**; BR 112015013762 A 20131209; CA 2893637 A 20131209; CN 201380064712 A 20131209; EP 13805327 A 20131209; ES 13805327 T 20131209; HK 16100856 A 20160126; JP 2015546962 A 20131209; KR 20157018616 A 20131209; MX 2015007291 A 20131209; RU 2015126293 A 20131209; US 201314648296 A 20131209